

AMENDMENT TO THE CLAIMS

1-11. (Cancelled)

12. (New) A base conversion method of a DNA sequence, which is a method of converting one or more bases in a target DNA sequence in a cell, characterized by introducing a single-stranded DNA fragment having 300 to 3,000 bases which is prepared by cleavage from a single-stranded circular DNA, is homologous with the target DNA sequence, and contains the base(s) to be converted, into a cell.

13. (New) The method according to claim 12, wherein the single-stranded circular DNA is a phagemid DNA.

14. (New) The method according to claim 12, wherein the single-stranded DNA fragment is homologous with a sense strand of the target DNA sequence.

15. (New) The method according to claim 12, wherein the target DNA sequence in the cell is a DNA sequence causing a disease due to the one or more bases.

16. (New) The method according to claim 12, wherein one or more bases in a target DNA sequence in a cell of an organism are converted.

17. (New) A cell in which one or more bases in a target DNA sequence have been converted by the method according to claim 12.

18. (New) An individual organism which retains the cell according to claim 17 in the body.

19. (New) A therapeutic agent, which is an agent for treating a disease caused by conversion of one or more bases in a target DNA sequence, characterized in that a single-stranded DNA fragment having 300 to 3,000 bases which is prepared from a single-stranded circular DNA, is

complementary to the target DNA sequence, and contains the base(s) to be converted, has a form that can be introduced into a cell.

20. (New) The therapeutic agent according to claim 19, wherein the single-stranded circular DNA is a phagemid DNA.

21. (New) A therapeutic method, which is a method of treating a disease caused by conversion of one or more bases in a target DNA sequence, characterized by introducing a single-stranded DNA fragment having 300 to 3,000 bases which is prepared from a single-stranded circular DNA, is complementary to the target DNA sequence, and contains the base(s) to be converted, into a cell.

22. (New) The therapeutic method according to claim 21, wherein the single-stranded circular DNA is a phagemid DNA.